Page 3

Claims Amendments

Please replace the pending claims with those listed below, which supersede all prior versions of the claims:

1. (currently amended) A digital data processing method comprising

   transforming data from a plurality of databases into resource description framework (RDF) triples.

   storing the triples in a data store, and

   traversing one or more of the triples in the data store using one or more a adaptive, genetic algorithms in order to identify data responsive to a query, where the traversing step includes

   C4

   performing a plurality of searches on the data store, each search utilizing a different methodology.

   comparing results of plural ones of the searches,

   discerning from the comparison one or more of the searches that produce better results and re-performing those one or more searches on the data store with any of additional terms or further granularity.

2. (Original) A method according to claim 1, wherein the transforming step includes transforming data from a plurality of databases of disparate variety.

3. (Original) A method according to claim 2, wherein the data is any of marketing, e-commerce or transactional data.

Claims 4 - 6 (cancelled).

7. (Original) A method according to claim 1, wherein the storing step includes storing the triples such that related data from the plurality of databases is represented by uniform resource indicators (URIs) in a hierarchical ordering.

   C5

Page 4

C5

8. (Original) A method according to claim 7, wherein the RDF triples each have a subject, predicate and object and wherein the storing step includes storing the triples such that through each triple's object that triple's predicate and subject are referenced.

Claims 9–13 (canceled).

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14. (currently amended) A digital data processing method for real-time business visibility comprising

collecting any of marketing, e-commerce and transactional data from a plurality of databases, at least two of which are of disparate variety, by applying one or more queries to that plurality of databases, and converting the data collected therefrom into resource definition framework (RDF) triples,

storing the RDF triples in a data store,

C6

traversing one or more of the RDF triples in the data store using one or more self-adapting, genetic algorithms in order to identify data responsive to a query, according to claim 13, wherein the traversing step includes performing a plurality of searches on the data store, each search utilizing a different methodology.

15. (Original) A method according to claim 14, wherein the traversing step further comprises comparing results of one or more of the searches.

16. (Original) A method according to claim 15, wherein the traversing step further comprises discerning from the comparison one or more of the searches that produce better results and re-performing those one or more searches on the data store with any of additional terms or further granularity.

Claims 17–21 (canceled).

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22. (currently amended) A digital data processing method comprising

C7

transforming any of marketing, e-commerce and transactional data from a plurality of databases into resource description framework (RDF) triples, where at least two of the databases are of disparate variety, where each triple includes a subject, an object, and a

Page 5

predicate, and where each predicate comprises a uniform resource identification (URI) such that related data from the plurality of databases is represented by URI's in a hierarchical ordering,

storing the triples in a data store, and

storing expiry data with at least selected ones of the triples,

responding to a search performed against the data store, if data requested is not stored in the data store, by applying a query to one or more of the plurality of databases to obtain the requested data,

responding to such a search, if the data is stored in the data store and is associated with expiry information indicating that the requested data may have expired, by returning the requested data with a reduced confidence factor.

23. (Original) A digital data processing method according to claim 22, comprising any of deleting and tagging as stale triples based on expiry data associated therewith.

24. (Original) A digital data processing method according to claim 22, comprising

searching the triples for data responsive to a query,

returning such data along with a confidence factor.

25. (Original) A digital data processing method according to claim 24, comprising

generating the confidence factor based on expiry data associated with a triple.